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PTO/SB/50 (08-007)
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REISSUE PATENT APPLICATION TRANSMITTAL

Address to:	Attorney Docket No.	50277-1646							
Assistant Commissioner for Patents	First Named Inventor	Gary Hallmark							
Box Reissue	Original Patent Number	5,857,180							
Washington, DC 20231	Original Patent Issue Date (Month/Day/Year)	1/5/1999							
	Express Mail Label No.	EL652872248US							
APPLICATION FOR REISSUE OF: (Check applicable box) Utility Patent Design Patent Plant Patent									
APPLICATION ELEMENTS (37 CFR 1.173)	LICATION PARTS								
1. State Transmittal Form (PTO/ SB/ 56) (Submit an original, and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27.	7. X Statement of status/support for all changes to the claims. See 37 CFR 1.173 (c). 8. Original U.S. Patent for surrender								
Z Applicant claims small entity status, see 37 CFR 1.27.	Ribboned Original Patent Grant								
3. X Specification and Claims in double column copy of patent format (amended, if appropriate)	Statement of Loss (PTO/SB/55)								
Drawing(s) (proposed amendments, if appropriate)	9. Foreign Priority Claim (35 U.S.C. 119) (if applicable)								
5. X Reissue Oath/Declaration (original or copy) (37 C.F.R. § 1.175) (PTO/SB/51 or 52) (unsigned)	10. X Information Disclosure X Copies of IDS Statement (IDS)/PTO-1449 Citations								
6. Original U.S. Patent currently assigned?	11. English Translation of Reissue Oath/Declaration								
	(if applicable)								
Yes No	12. X Preliminary Amendment								
(If Yes, check applicable box(es))	13. X Return Receipt Postcard (MPEP 503) C								
y Written Consent of all Assignees (PTO/SB/53)	14. Other:								
X 37 C.F.R. § 3.73(b) Statement X Power of									
(PTO/SB/96)	C P								
(· · · · · · · · · · · · · · · · · · ·		SEP							
15. CORRESPONDENCE ADI	DRESS								
Customer Number or Bar Code Label (Insert Customer No. or Attach ber code label here) Or Correspondence address below									
Brian D. Hickman Hickman, Palermo, Truong & Be									
Address 1600 Willow Street	1600 Willow Street								
City San Jose State									
	408)414-1080 _{Fax} (4	408)414-1076							
NAME (Printl Type) Brian D. Hickman Registration No. (Attorney/Agent) 35, 894									

NAME (PrintlType) Brian D. Hickman Registration No. (Attorney/Agent) 35, 894

Signature Date Jan. 5, 2001)

den Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comme

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PTO/SB/56 (08-00)

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REISSUE APPLICATION FEE TRANSMITTAL FORM						Docket Number (Optional)					
50277-1646 Claims as Filed - Part 1											
Claims in		Numbe		1113 43	(3)	Small Er	ntity		Other than a	Small Entity	
Patent Number Filed in Reissue Application			Number Extra		Rate	Fee		Rate	Fee		
(A) 19	Total Claims (37 CFR 1.16(j))	(B)	19	**** 0 =		× \$=		or	x\$ <u>1</u> 8=	\$ 0	
(C) 9	Independent claims (37 CFR 1.16(i))	(D)	1	*	0 =	× \$=		0.	x\$ <u>80</u> =	\$ 0	
Basic Fee (37 CFR 1.16(h)) \$710 \$710										\$ <u>710</u>	
Total Filing Fee \$ OR \$710									\$710		
Claims as Amended - Part 2											
•	(1) Claims Remaining	(2) Highest Nu		(3) Imber Extra		Small Entity			Other than a Small Entity		
	After Amendmen	, i	Previous Paid Fo	ly	Claims Present	Rate	Fee		Rate	Fee	
Total Claims (37 CFR 1.16(j)	72	MINUS	** 20		* = 52	x \$=			×\$_18:	\$936	
Independent Claims (37 CFR 1.16(i)	10	MINUS	***** 9		= 1	x\$=			x\$_80	\$ 80	
Total Additional Fee \$ OR \$1.016										\$1,016	
* If the entry in (D) is less than the entry in (C), Write "0" in column 3. *** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space. **** After any cancellation of claims. **** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20). ***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C). Applicant claims small entity status. See 37 CFR 1.27. Please charge Deposit Account No. 15–0635 in the amount of \$1,726 A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. 15–0635 A duplicate copy of this sheet is enclosed. A check in the amount of \$ to cover the filing / additional fee is enclosed. Payment by credit card. Form PTO-2038 is attached.											
	ING: Information uded on this for					tion and au	uthoriza	ation		038.	
Brian D. Hickman. Typed or printed name											